

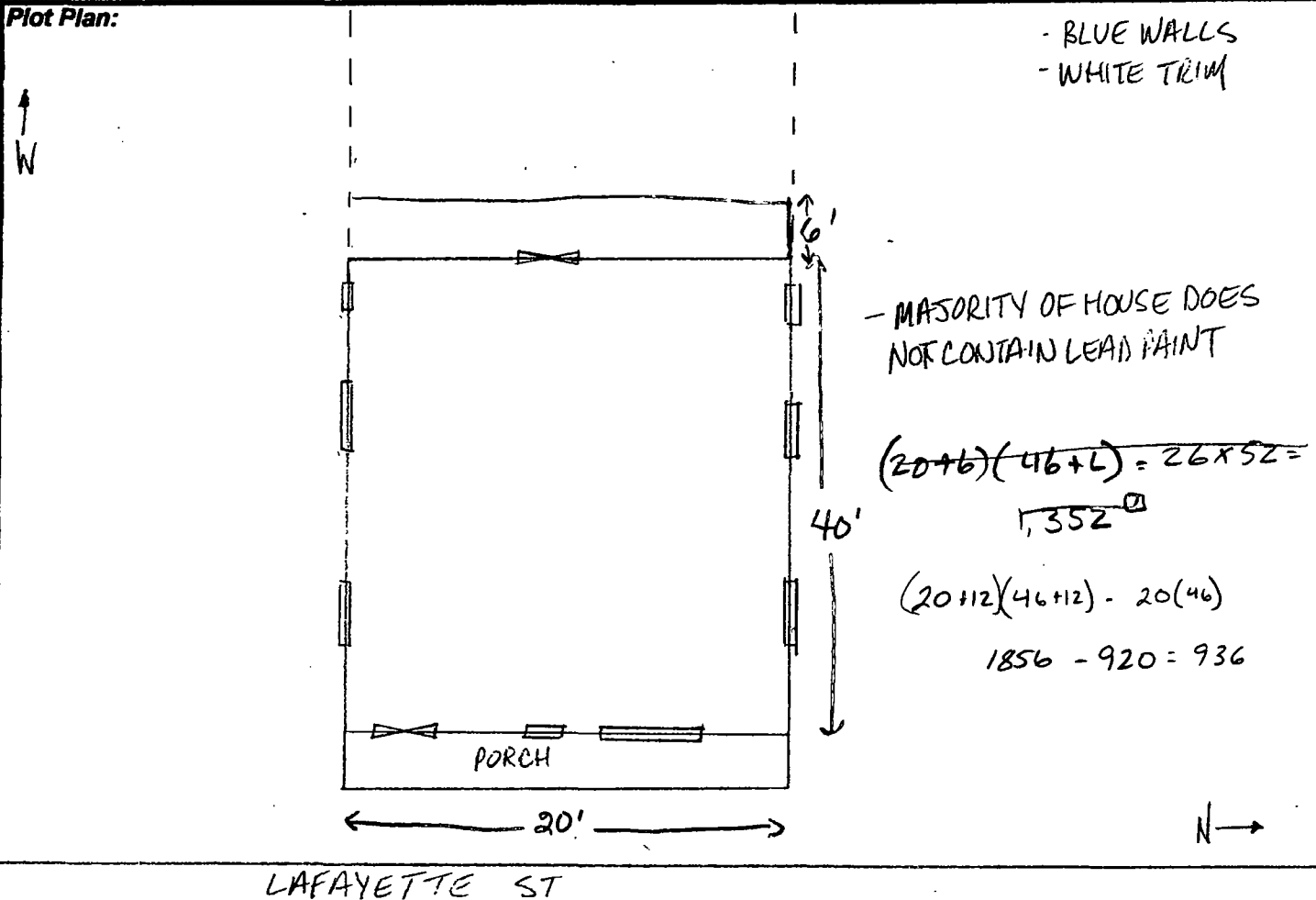


This spreadsheet performs screening level calculations to estimate the effect of peeling leaded paint on the average concentration of lead in yard soil
3619 Lafayette Street

INPUTS		Units	House
General	Variable		
	Mixing depth in yard	cm	2.54
	Mixing depth in yard	inches	1
	Soil density	g/cm3	2.5
	RBC in soil	mg/kg	400
	Bkg in clean fill	mg/kg	50
			Small
House-specific	Area of the exposure unit	m2	86.95725
	Area of the exposure unit	ft2	936
	Concentration of lead in paint	mg/cm2	3.1
	Area of peeling paint	m2	9.4752
	Area of peeling paint	ft2	24
COMPUTATIONS			
	Mass of lead from paint	mg	2.9E+05
	Volume of soil	cm3	2.2E+06
	Mass of soil	kg	5.5E+03
	Incremental concentration	mg/kg	53.2
	Maximum acceptable area of peeling leaded paint (m2)		62.3
	Maximum acceptable area of peeling leaded paint (ft2)		670.8
DECISION			OK

Property ID: 473	Date: 8-16-05
Address: 3619 LAFAYETTE ST	Telephone #:
Owner:	CO Certification #: 12860
Inspector/Assessor:	

Plot Plan:



	Exterior Walls				Doors/Trim			
	Material	Area	Peel/Chip	XRF (Lead)	Material	Area	Peel/Chip	XRF (Lead)
North								
South								
East								
West								

	Window Trim/Fascia/Soffit				Patios/Decks/Porches			
	Material	Area	Peel/Chip	XRF (Lead)	Material	Area	Peel/Chip	XRF (Lead)
North	WOOD	12' x 7'	CRACKED	3.1				
South	WOOD	12' x 7'	CRACK	3.1				
East								
West								

	Metal Trim/Gutters/Downspouts				Misc Structures/Garage/Fences			
	Material	Area	Peel/Chip	XRF (Lead)	Material	Area	Peel/Chip	XRF (Lead)
North								
South								
East								
West								

August 16, 2005

LBP Assessment Results

Strata Environmental Resource

Time	Site	Component	Substrate	Side	Condition	Color	Floor	Room	Results	Depth	Ind. PbC	PbC Error
8/16/2005 8:43	473	EXT. WALL	PLASTER	EAST	CRACKED	BLUE	FIRST	OUTSIDE	Negative	1.63	0	0.02
8/16/2005 8:44	473	FLOOR	CONCRETE	EAST	PEELING	GREY	FIRST	PORCH	Negative	2.81	0.5	0.2
8/16/2005 8:44	473	THRESHOLD	CONCRETE	EAST	PEELING	GREY	FIRST	OUTSIDE	Negative	1	0.29	0.23
8/16/2005 8:45	473	WINDOW FRAME	WOOD	EAST	CRACKED	WHITE	FIRST	OUTSIDE	Negative	1.29	0	0.02
8/16/2005 8:48	473	EXT. WALL	BRICK	SOUTH	CRACKED	BLUE	FIRST	OUTSIDE	Negative	1.75	0.25	0.07
8/16/2005 8:49	473	WINDOW FRAME	WOOD	SOUTH	CRACKED	WHITE	FIRST	OUTSIDE	Positive	9.83	3.1	0.6
8/16/2005 8:54	473	WINDOW SILL	WOOD	NORTH	PEELING	WHITE	FIRST	OUTSIDE	Negative	8.25	0.3	0.19
8/16/2005 8:54	473	EXT. WALL	BRICK	NORTH	CRACKED	BLUE	FIRST	OUTSIDE	Negative	3.44	0.19	0.09
8/16/2005 8:56	473	EXT. WALL	PLASTER	WEST	INTACT	BLUE	FIRST	OUTSIDE	Negative	2.35	0.01	0.02
8/16/2005 8:57	473	DOOR FRAME	WOOD	WEST	CRACKED	WHITE	FIRST	OUTSIDE	Negative	1.12	0	0.02
8/16/2005 8:58	473	FENCE	WOOD	SOUTH	INTACT	ORANGE	FIRST	OUTSIDE	Negative	1	0	0.02
8/16/2005 8:59	473	BUILDING WALL	BRICK	SOUTH	CRACKED	WHITE	FIRST	OUTSIDE	Negative	1.94	0.12	0.05
Note: Readings are in mg/cm²												
Painted surfaces not tested were assessed to be in "intact" condition at time of site visit.												

Color Photo(s)

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(303) 312-6473.

Property ID # 473 / 3619 Lafayette



Majority of house does not contain lead paint